

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C07D 257/02, 401/12, 409/12, 403/12, 471/06, 401/06, 473/00, A61K 31/395 // (C07D 471/06, 257:00, 221:00)	A1	(11) International Publication Number: WO 00/02870 (43) International Publication Date: 20 January 2000 (20.01.00)
(21) International Application Number: PCT/CA99/00619 (22) International Filing Date: 8 July 1999 (08.07.99) (30) Priority Data: 09/111,895 8 July 1998 (08.07.98) US (71) Applicant (for all designated States except US): ANORMED INC. [CA/CA]; No. 200, 20353 - 64th Avenue, Surrey, British Columbia V2Y 1N5 (CA). (72) Inventors; and (75) Inventors/Applicants (for US only): BRIDGER, Gary, James [GB/US]; 445 S. Garden Street, Bellingham, WA 98225 (US). BOEHRINGER, Eva, Maria [CA/CA]; 404 - 1558 Fir Street, White Rock, British Columbia V4B 4B7 (CA). WANG, Zhongren [CA/CA]; #218, 5380 - 208 Street, Langley, British Columbia V3A 2C2 (CA). SCHOLS, Dominique [BE/BE]; Kiersveld 9, B-3020 Herent (BE). SKERLJ, Renato, Tony [NZ/US]; 9062 Shearwater Road, Blaine, WA 98230 (US). BOGUICKI, David, Earl [CA/CA]; 203, 16071 - 82nd Avenue, Surrey, British Columbia V3S 2L6 (CA).	(74) Agents: ROBINSON, J., Christopher et al.; Fetherstonhaugh & Co., Suite 2200, 650 West Georgia Street, Box 11560, Vancouver, British Columbia V6B 4N8 (CA). (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report.	
(54) Title: ANTIVIRAL MACROCYCLIC COMPOUNDS (57) Abstract The present invention is drawn to novel antiviral compounds, pharmaceutical compositions and their use. More specifically this invention is drawn to derivatives of monocyclic polyamines which have activity in standard tests against HIV- or FIV-infected cells as well as other biological activity related to binding of ligands to chemokine receptors that mediate a number of mammalian embryonic developmental processes.		